

This Information Sheet summarises the arrangements that Colleges / Professional Services must put in place to ensure no harm arises from the use of pressure systems. The document should be read in conjunction with the University's Safe Use of Pressure Systems Policy, developed to ensure compliance with the Pressure Systems Safety Regulations.

NOTIFIABLE OR NOT?

To help determine if a pressure system is notifiable to the University Insurance Officer the following examples are provided. The PSR1 Form should be used to notify details to the Insurance Officer:

Example 1



A small air (fresh) compressor with a Safe Working/Operating Pressure of 120 Psi and a Vessel with a 2 Litre Capacity.

$$120 \text{ Psi} \div 14.504 \text{ (bar)} = 8.27 \text{ bar}$$

$$8.27 \text{ bar} \times 2 \text{ (litre capacity)} = 16.5 \text{ Bar/Litre}$$

NOT NOTIFIABLE to the Competent Engineer but local recorded, inspections required of the safety features and testing of the pressure relief valve (see safety critical device information on the H&S Website).

Example 2

Round Steriliser Drum (medical sterilisation), often found within cell biological laboratories.

The Steriliser operates by using steam to kill bacteria. Steam above atmospheric pressure dictates that the Unit is NOTIFIABLE. Use Form PSR1.

Note: All steam systems (under nominal or greater pressure) should be notified using the PSR1 Form.



Example 3

AIR COMPRESSOR			
Model No. TA-TD2540HP	Voltage 240V	Hz 50	Air Displacement 196L/Min.
Amp 8	Phase 1	Stage 1	Free Air Displacement 125L/Min.
Tank/Litre 40	Duty Cycle 50%	Work Pressure 115PSI	Date Manufactured 07-2009
TRACKING NO.:	13346-0829		

40 Litres Capacity x 7.9 bar (115 Psi ÷ 14.504)
= 316 Bar/Litres and notifiable using Form PSR1.

When in Doubt - Notify the item and the Competent Engineer will advise

